

0039-7608-2S



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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

TSUTOMU YAMAKAWA

: GROUP ART UNIT: 2878

SERIAL NO: 09/521,901

:

CPA FILED: AUGUST 15, 2002

: EXAMINER: LEE, S.

FOR: NUCLEAR MEDICAL DIAGNOSTIC
APPARATUS

TECHNOLOGY CENTER 2800

RECEIVED
APR - 8 2003

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated October 15, 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Please cancel Claims 7 and 9-17 without prejudice.

Please amend Claims 1-6, 8, and 22 as shown in clean form below.¹

1. (Twice Amended) A nuclear medical diagnostic apparatus, comprising:
 - a radiation detector in a form of a single layer including a plurality of semiconductor cells that (1) are arranged in a matrix, (2) detect radiation separately, and (3) output signals representing an energy of the radiation separately;
 - a selection circuit which, in order to select, among events wherein the radiation is detected, a specific event wherein radiation derived from a radio-isotope injected into a

¹A marked-up copy of the amended portion of the claims is attached hereto.